

# INTERNATIONAL SEARCH REPORT

Inter application No  
PCT/EP2004/011476

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02K21/24 H02K1/14 H02K29/08 H02K3/52 H02K11/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/149285 A1 (TSO-KUO YIN ET AL) 17 October 2002 (2002-10-17)	1-3, 9
Y	paragraphs '0027! - '0034!; figure 4	6, 7
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) -& JP 2002 027722 A (MATSUSHITA ELECTRIC IND CO LTD), 25 January 2002 (2002-01-25) abstract; figures 2-4	1, 9
Y	US 5 808 390 A (ITO NORIO ET AL) 15 September 1998 (1998-09-15)	6, 7
A	column 14, line 13 - line 51; figures 2, 8, 32	8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\* & \* document member of the same patent family

Date of the actual completion of the international search

1 December 2004

Date of mailing of the international search report

08/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 43 06 327 A (PAPST MOTOREN GMBH & CO KG) 8 September 1994 (1994-09-08) abstract column 7, line 6 - line 10; claim 7 -----	1
A	US 6 509 666 B1 (HUANG WEN-SHI ET AL) 21 January 2003 (2003-01-21) abstract; figures 3-7 column 3, line 33 - column 4, line 23 -----	1,2,5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte. application No  
PCT/EP2004/011476

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002149285	A1	17-10-2002	NONE
JP 2002027722	A	25-01-2002	NONE
US 5808390	A	15-09-1998	DE 69233394 D1 09-09-2004 EP 0613229 A1 31-08-1994 JP 3146492 B2 19-03-2001 US 6166470 A 26-12-2000
DE 4306327	A	08-09-1994	DE 4306327 A1 08-09-1994
US 6509666	B1	21-01-2003	DE 10049107 A1 25-07-2002 DE 10161013 A1 18-07-2002 JP 3579642 B2 20-10-2004 JP 2002051517 A 15-02-2002 JP 2002204559 A 19-07-2002 US 2002190602 A1 19-12-2002 US 2002047474 A1 25-04-2002